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Title: **EP0992100A2: DEVICE AND SYSTEM FOR MANAGEMENT OF BATTERY BACK UP POWER SOURCE**

Country: EP European Patent Office (EPO)  
Kind: A2 Publ. of Application without search report

Inventor: **DUNN, James, H.;** [No I](#)  
**de OLIVEIRA, Julio, C.;**  
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Assignee: **Estco Energy Inc.**  
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Published / Filed: **April 12, 2000 / July 3, 1998**

Application Number: **EP1998000931856**

IPC Code: **H02J 7/00; G01R 31/36;**

Priority Number: July 3, 1997 **US1997000887844**  
July 4, 1997 **CA1997002209817**

Abstract:

The invention relates to a device for managing battery packs from which it is powered by measuring and monitoring the operating capacity of individual battery modules in a battery pack. A programmable logic controller directs the selective closing of relays to allow individual battery modules to be load-tested using a variable discharge load unit, without compromising useful battery pack capacity. In a further embodiment, the invention can include, for each user, a network of battery management devices with two-way communications links to a central management location with computer based monitoring and control of all battery packs. In addition, a centre of expertise on battery technology is linked to the user networks.

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Attorney, Agent or Firm: **Gerbaulet, Hannes, Dipl.-Ing. ;**

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Legal Status:

Designated AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Country:

Family: [Show 10 known family members](#)

Other Abstract Info: **DEBARS G1000 106222**

Other Abstract Info.

DERABS G1999-100333



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